TABLE NO: [ ]

MULTIMEDIA UNIVERSITY

STUDENT ID NO [| | | | | | | | | |]

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

PCR0025 – CRITICAL THINKING

(All Sections / Groups)

9 MARCH 2019
9.00AM-11.00AM
(2 HOURS)

INSTRUCTIONS TO STUDENT

1. This question paper consists of **15 pages.**
2. Answer **ALL** questions and write your answers in this **question paper.**
3. Write down the number of questions answered in the table provided.
4. This question paper is **NOT** allowed to be taken out of the examination hall.

STUDENT ID	:	
COURSE	:	
LECTURER	:	
GROUP (IF APPLICABLE)	:	
VENUE	:	

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QUESTION	MARKS
TOTAL	

EXAMINER AUTHORISATION: Tick (✔) in the appropriate box.

	All written pages have been checked.
	All marks have been calculated correctly.

Examiner 1:		Signature and Date:	
Examiner 2:		Signature and Date:	

STRUCTURED QUESTIONS [50 MARKS]

Instructions: Answer **ALL** questions. Write your answers in the question paper.

Question 1 [10 marks]

a) Read the below article entitled "*Detailed Palm Reading Guide*" that was extracted from a website. It is an example of pseudoscience. There are 6 marks of pseudoscience that can be used to distinguish pseudoscience and science. Choose 3 marks of pseudoscience and explain how each is related to palmistry.

(6 marks)

Title: Detailed Palm Reading Guide

Palmistry, also known as chiromancy, has its roots in India, China and areas of ancient Israel, but it's truly a worldwide art of understanding your life and of telling your fortune. During the Middle Ages and the Renaissance, palmistry was often suppressed as a superstitious practice, but today, I know many people who practice it to successfully understand themselves and others.

Basic palmistry is easy to understand and even easier to begin using. Of course, the more time you put into studying it, the more successful you'll be in making accurate predictions. If you want to get started in becoming a chiromancer yourself, I have put together this detailed palm reading guide to help you understand the main aspects of this art.

There are some palmists who believe that all females should use the right hand as the dominant hand and that all males should refer to the left hand.

Continued...

Another school of thought holds that the left hand shows your potentials while the right hand demonstrates what you've been able to accomplish with those potentials.

Still, others insist that your dominant hand is the one that you use to write and to complete most tasks, meaning that it represents your conscious mind, whereas your other hand is more demonstrative of your subconscious mind.

Most palmists subscribe to four major types of hand shapes that lend themselves to your character traits and temperament. Understanding these most common classifications will help you begin to recognize other types of marks on your hands.
Knowing the type of palm, you are examining can also help you recognize the types of lines you see. For example, earth and water hands usually feature fewer lines that are deeper than those on air or fire hands. These generalisations can help you locate information in the palm that you are examining.

Source: Puell. N. (2017, May 8). Detailed palm reading guide. Retrieved from https://medium.com/@norapuell/detailed-palm-reading-guide-fbd9739fbbe4

Continued...

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b) Read and analyse the astrology reading dated 28 November 2018 for a person who is born under the Capricorn sign. Analyse the statements below and indicate how the vagueness of the language is used here so that the claims could not be tested.

(4 marks)

CAPRICORN

28 November 2018: Today, if an unexpected cancellation happens, take it as a sign that you need to slow down -- because you definitely do! What's the rush, anyway? You've been running at full tilt for quite a while, but what you may not realise is that there's no deadline looming ahead that you need to be worried about. Don't move according to someone else's schedule. Instead, go at a pace that enables you to feel relaxed and at ease with yourself. That's more important than anything else.

https://www.astrology.com/horoscope/daily.html

Continued...

Question 2 [10 marks]

Analyse the statements below and indicate whether they are arguments or non- arguments. If it is an argument, indicate its premise/s and conclusion. If it is a non-argument, indicate its type.

(10 marks)

a) I ate because I was hungry.

b) You can fool all of the people some of the time, and some of the people all the time, but you cannot fool all the people all the time.

c) My mom must be home. Her car is in the porch already.

d) If you have studied Critical Thinking before the exam, then you will pass the subject.

Continued...

e) The next time you find yourself in an argument, rather than defend your position, see if you can see the other point of view first. When you understand other positions and points of view, several wonderful things begin to happen. First, you often learn something new and expand your horizons. Second, when the person you are talking to feels listened to, he or she will appreciate and respect you far more than when you habitually jump in with your own position. A side benefit is that the person you are speaking to may even listen to your point of view.

f) The burglar entered the house through the window. Why else would there be broken glasses all over the floor?

g) Part of the road from Lexington, Massachusetts, to Concord, Massachusetts, is named "Battle Road" in honour of the historic battle fought on the very spot the morning of April 19, 1775.

Continued...

h) If rocking-horse people eat marshmallow pies, then Lucy will take a newspaper taxi to the sky. There she will find cellophane flowers of yellow and green, towering over her head as people walk by slowly. The flowers there grow so incredibly high!

i) If Kumar plays football, then he must be in good physical shape. Kumar is not in good physical shape. Hence, Kumar does not play soccer.

j) Mary and Ian drove together to work every day this year and worked hard. People who go to work every day and work hard usually do get raises. Thus, Mary and Ian probably will get a raise.

Continued...

*This question paper is **CONFIDENTIAL** and may not be taken out of the room at any time.

Question 3 [10 marks]

a) Analyse the arguments below and decide on the specific pattern each argument exemplifies (name the pattern of the argument). Determine also whether it is valid, invalid, strong or weak.

(5 marks)

i. If Sue wins, then Ed will be happy. If Ed is happy, then George will be happy. So, if Sue wins, then George will be happy.

ii. Every time you eat peanuts, your throat swells up and you can't breathe. So, you are allergic to peanuts.

iii. Either Susan is an actress, or she is a director. If Susan is a director, then she will be a good story-teller. Susan is a good story –teller. Consequently, she is not an actress.

Continued...

iv. Dogs are put to sleep when they become too old or too sick to enjoy life further. Similarly, human beings should be mercifully put to death when they become too old or too sick to enjoy life further.

v. Five from one hundred students have informed they do not understand Mdm Tan's teaching. Therefore, Mdm Tan must be a bad teacher.

b) Analyse the arguments below and determine whether it is sound, unsound, cogent or uncogent. Explain your answer in each case.

(5 marks)

i. If I have no cash, I will not loan you money. I am not loaning you money. Therefore, I do not have cash.

Continued...

ii. Constructing the great pyramid at Giza required lifting massive stone blocks to great heights. Probably the ancient Egyptians had some antigravity device to accomplish this feat.

iii. If it rained, then the streets are wet. The streets are wet. So, it rained.

iv. All dogs are wolves. No wolves are insects. So, no dogs are insects.

v. All one hundred children who saw the Disney movie "*Ralph Breaks the Internet*" said it was great. So, chances are that everyone who sees the movie will think it is great.

Continued...

Question 4 [10 marks]

Analyse the concepts below and write an example for each of them.

a) Invalid and unsound argument

b) Modus Tollen

c) Strong but Uncogent

Continued...

d) Affirming the consequent

e) Argument from Authority

Continued...

Question 5 [10marks]

Analyse each of the following arguments and indicate which fallacy is committed. If no fallacy is committed, write 'no fallacy'.

(10 marks)

a) The latest Proton X70 SUV is the coolest car around. It's selling like hotcakes. You should ask your parents to buy you one.

b)

Ali	I can't believe it! My bank made a mistake on my account balance. There's an extra RM3,000 in my saving account.
Chia	Are you going to report the mistake?
Ali	Why should I? They've been ripping me off for years with their high ATM fees.

c) Opponents of capital punishment have argued that the death penalty is unfair and discriminatory. But it's ridiculous to suggest that cold-blooded murderers should not have to pay for their crimes. How is that fair to the victims or their families?

Continued...

d) Everything I say is a lie; therefore, you shouldn't believe anything that I say.

e) If you can't prove that Ken had an affair with the maid, then he's been faithful to his wife.

f) DXDX University is a better university than MMU. I've been assured of this, by Dr. Bigelow Hype, director of admissions at DXDX University.

g) Rudy is an illegal alien. An alien is a creature from outer space. Therefore, Rudy is a creature from outer space.

h) Louise is running for class president. In her campaign speech she says, "My opponent does not deserve to win. She is a smoker and she cheated on her boyfriend last year."

Continued...

i) Cumi Cumi is a classier restaurant than Makan Makan. It's a classier restaurant because it has a more upscale clientele. It has a more upscale clientele because it has a nicer décor. It has a nicer décor because it's a classier restaurant.

j) Jeff's mom is concerned when she finds out that he skipped class one day. She tells him that she is concerned that since he skipped one class, he will start skipping more frequently. Then he will drop out altogether, never graduate or get into college, and end up unemployed and living at home for the rest of his life.

End of Paper